iURGE PONO TOST WOLLS 11/2 H.P. 230 V. F.L.A. 11.2

> TEST WELL # 1 Meg & Run 76575

Test Wall # Z Mac & Run Tests

|                 | 1988        | 1989            |     |              | /9 <b>88</b> | 1989    |   |             |
|-----------------|-------------|-----------------|-----|--------------|--------------|---------|---|-------------|
|                 |             | 16.0 A          |     |              |              | L L     |   | 1           |
| JAN             |             | Doma            |     |              |              | Dam     |   |             |
| _               |             | 11 Aps          |     |              | 1            | 0.5 ×   |   | •           |
| FEB             | _           |                 |     |              |              |         |   | <u> </u>    |
| M.a             | - 1         | 11.2473         | l l |              |              | 9.9 mg  |   |             |
| MAR             |             | tourns          |     |              |              | 20 Ym   |   |             |
| Arr.            |             | 10.9 A          |     |              |              | 1.1 A   |   |             |
| Mrk.            |             | <del></del>     |     |              |              | 1,0 Amp |   | <del></del> |
| may             | 1           | 11.1 A          |     |              | 1            | · ,     |   |             |
|                 |             | SOYM 2          |     |              |              | 10.9 Mm |   | <del></del> |
| JUNG            |             | 11.0 arrys 1100 |     |              |              | aci in  |   |             |
| <del>Ours</del> |             | 10.5A           |     | -            |              | 10.5A   |   | +           |
| July            | İ           | 404m2           |     | 1            |              | GOTAN   |   |             |
|                 | <del></del> | 11, ZANYS       |     | <del>-</del> |              | NO4 Amp |   |             |
| Au6             |             | 6+ mr           |     |              |              | 654m2   |   |             |
|                 | 11-1 A.     |                 |     |              | 10.4A        |         | 1 | <del></del> |
| SEPT.           | SI+ MA      |                 |     |              | 35+ M.L      |         |   |             |
|                 | 10.10 A     |                 |     |              | 0.94         |         |   |             |
| OC7             | 354111      | l               |     | 4            | 104 min      |         |   |             |
| Nov             | 10.8A       |                 |     |              | 1.0          |         |   |             |
| <del> </del>    | 32400       | ļ               |     | 3            | 1571ml       |         |   |             |
| DEC             | 11.07       |                 |     | i 1          | ŀ            | }       | - |             |
| DEC             | 45112       | ļ               |     |              | 0+111-1      |         |   |             |
|                 |             | į į             |     | 1 1          |              |         |   | -           |
|                 |             |                 |     | l i          |              | ļ       |   |             |
|                 |             |                 |     |              |              |         | 1 |             |
|                 | 1           |                 |     |              |              |         | 1 |             |
|                 |             | 1               | 1   |              |              |         |   |             |
|                 |             |                 | {   |              | ,            | 1       |   |             |
|                 | Į           |                 |     |              | 1            |         |   |             |
|                 |             | 1               | ł   | 7 <b>(</b>   | •            | Ţ       | 1 |             |

| SOUTH DAKOTA WATER WELL C  | OMPLETION REPORT 10-85  |
|--|---|
| Location SEV V4 Sec 6 Twp 4N Rg 4E                               | Well Owner:   |
| County North   | Name BRChm MINING. Co.  Cilt Edge Site                              |
| Laurence   | Address Address   |
|  | Well Log: Depth   |
| Please mark well   | Formation From To   |
| location with W     E  | Hule F/   |
| - + -   - * -  | DRIFT ( Smik FILL ) 0 35  |
|  | Distrite years 35 60  |
| 1 mile   | ( Pe - Cambrian)  |
| Well Completion Date <u>6-17-88</u>                              |   |
| PROPOSED USE:  |   |
| □ Domestic □ Municipal □ Test Holes                              | H11- #2 (- 12-4 C/1)  |
| ☐ Irrigation                                  Industrial         | DRIFT (BOCK FILL) 0 38<br>Dunetzite, yezy 38 60                     |
| Method of Drilling:  | (PRE-Cumbrian)  |
| Dounhole Hummer Rotopy   |   |
| CASING DATA:   |   |
| Steel Plastic Other  |   |
| If other describe  |   |
| PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER                        | STATIC WATER LEVELFeet  |
| LB/FT IN FT FT IN  | If flowing: closed in pressure PSI                                  |
| LB/FT IN FT FT IN  | GPM flow through inch pipe  |
| LB/FT IN FT FT IN  | Controlled by Valve Reducers Other                                  |
| LB/FT IN FT FT IN  | If other; specify   |
| COOLT  | Can well be completely shut in?                                     |
| GROUT: Was the well grouted? ⊠YES □NO                            | WELL TEST DATA  |
| To what depth? FEET  | WELL TEST DATA: Hule #1 - 29F  Pumped & Developed W/AIR Hule 2- 29F |
| What is grouting material?                                       | Bailed Describe:  |
| If cement, number of sacks?                                      | Other   |
| Describe grouting procedure                                      | Pumping Level Below Land Surface                                    |
| <del></del>  | ft. After Hrs. pumped GPM   |
|  | ft. After Hrs. pumped GPM   |
| What was grout weight? LB/GAL                                    | ft. After Hrs. pumped GPM   |
| SCREEN: Perforated pipe Manufactured ( ea. Hole)                 | 10-1-130 Wall SIEE  |
| Diameter 60 IN Length 40 FEET                                    | REMARKS: 37 92047   |
| Material Stept Galvi SCREPN.                                     | Hule 2 5' BANTONITE   |
| Slot Size 1030 Set From 20 Feet To 60 Feet 801 in                |   |
| Slot Size Set from Feet ToFeet                                   | \ \ -\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \                              |
| Slot Size Set From Feet ToFeet                                   | 3/ Par S NET HO'- h" palu screen                                    |
| Other information Sicel Plate Buttom of                          | 3/8 Pea 5 10 - 40'- 6"galvi screen gravel 100 107                   |
| Screen i Buch holes  | 1517060 209   |
| Was a packer or seal used? XYES NO                               | This well was drilled under license # 324                           |
| If so, what naterial? <u>Earlishit</u> = <u>PelleTs + 9 Rout</u> | And this report is true and accurate.                               |
| Describe packer(s) and location?                                 | Drilling firm Alexander Drilling Co.                                |
|  | Signature of License Representative:                                |
|  | 1   |
| Was well disinfected upon completion?                            | B: alepade 7.   |
| Explain  | Signature of Well Owner:  |
| Bacteriological analysis YES NO                                  |   |
| Laboratory sent to   | Date  |
|  |   |

| SOUTH DANGTA WATER WELL CO                      | DISTRICTION REPORT                        |
|---|---|
| Location SE4 4 Sec 6 Twp 4N Rg 4E               | Well Owner:                               |
| County North                                    | Name Brohm MINING CO. Gilt Edge Site      |
| Lawrence  | Address                                   |
| -+- -+-   | Well Log: Depth                           |
| Please mark well                                | Formation From To                         |
| an "X"  | Hole #/                                   |
| -+- -*-   | DRIFT (Back FILL) 0 35.                   |
|   | Quartzite, grey. 35 60                    |
| 1 mile  | (PRE-Cambrian)                            |
| Well Completion Date 6-17-88                    |   |
| PROPOSED USE:                                   | Hole # Z (Barth Fitt)                     |
| Domestic Municipal Test Holes                   | DRIFT (Back FILL) D 38                    |
| ☐ Irrigation ☐ Industrial ☐ Stock               | Quartzite, grey 38 60                     |
| Method of Drilling:                             | (PRE-Cambrias)                            |
| Downhole Hummer Rotory                          |   |
| CASING DATA:                                    |   |
| Steel Plastic Other                             |   |
| If other describe                               |   |
| PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER       | STATIC WATER LEVELFeet                    |
| LB/FT IN FT FT IN                               | If flowing: closed in pressure PSI        |
| LB/FT IN FT FT IN                               | GPM flowinch pipe                         |
| LB/FT IN FT IN                                  | Controlled by Valve Reducers Other        |
| LB/FT IN FT FT IN                               | If other; specify                         |
| GROUT:  | Can well be completely shut in?           |
| Was the well grouted?   ☐ YES ☐ NO              | WELL TEST DATA: Hole#1-29pi               |
| To what depth? FEET                             | Developed W/AIR Hule #2- 29p              |
| What is grouting material?                      | Bailed Describe:                          |
| If cement, number of sacks?                     | Other                                     |
| Describe grouting procedure                     | Pumping Level Below Land Surface          |
|   | ft. After Hrs. pumped GPM                 |
| What was grout weight? LB/GAL                   | ft. After Hrs. pumped GPM                 |
| What was grout weight: LD/ GAL                  | ft. After Hrs. pumped GPM                 |
| SCREEN: Perforated pipe Manufactured (ear Hole) | 10 - 1250 Wall steel                      |
| Diameter 6,0 IN Length 40 FEET                  | REMARKS: 37 9Rout, Casm                   |
| Material Steel galvi Screen,                    | Hule 2 5 Bentery Shood                    |
| Slot Size 1030 Set From 20 Feet To 60 Feet Each | 7   |
| Slot Size Set From Feet ToFeet                  | ) - 1 . 8                                 |
| Slot Size Set From Feet To Feet                 | 3/8 Pea 5 1842 40'-6"galviscreen          |
| Other information Steel Plate Bottom of         | gravel 1030 slot                          |
| Was a packer or seal used?                      | 1517060                                   |
| If so, what naterial? Bentonite Pellets + grout | This well was drilled under license # 324 |
| Describe packer(s) and location?                | And this report is true and accurate.     |
|   | Drilling firm Alexander Drilling Co.      |
|   | Signature of License Representative:      |
|   | Boy alexander gr.                         |
| Was well disinfected upon completion? YES NO    | Signature of Well Owner:                  |
| Explain   | Cignatal of their office.                 |
| Bacteriological analysis YES NO                 |   |
| Laboratory sent to                              | Date                                      |

JUL 1 3 88
Accounts Payable

| SUUTH DAKUTA WATER WELL C                        | UMPLETION REPORT   | 10-03           |
|--|--|-----------------|
| Location SEV V Sec Lo Twp 4N Rg 4E               | Well Owner:  |                 |
| County North                                     | Name Brohm MINING  | Co              |
| Laurence   | Address Gill Edge Sile   |                 |
| -+- - <del> </del> - -                           | Well Log:  | Depth           |
| Please mark well                                 | Formation  | From To         |
| location with an "X"                             | Hole #1  |                 |
| -+- - <del> </del>  - -                          | DRIFT (Back FILL)  | 0 35            |
|  | Quartzite, gray. (PRC-Cambrian)  | 35 60           |
| 1 mile   | ( PRE - Cambrian)  |                 |
| Well Completion Date 6-17-88                     |  |                 |
| PROPOSED USE:                                    | Hule # 2 (-Back-Fitt)  |                 |
| ☐ Domestic ☐ Municipal ☐ Test Holes              | DRIFT (Back FILL)  | 0 38            |
| ☐ Irrigation ☐ Industrial ☐ Stock                | Quarteite, grey  | 38 60           |
| Method of Drilling:                              | (PRE-Cumberns)   | And and America |
| Downhole Hammer Rotary                           |  |                 |
| CASING DATA:                                     |  |                 |
| Steel Plastic Other                              | The state of the s |                 |
| If other describe                                |  |                 |
| PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER        | STATIC WATER LEVEL   | Feet            |
| LB/FT IN FT FT IN                                | If flowing: closed in pressure   | PSI             |
| LB/FT IN FT FT IN                                | GPM flowthrough  | inch pipe       |
| LB/FT IN FT FT IN                                | Controlled by Valve Reducers   | Ither           |
| LB/FT IN FT FT IN                                | If other; specify  |                 |
| CROUT  | Can well be completely shut in?  |                 |
| GROUT: Was the well grouted? YES \( \sum \) NO   | WELL TEST DATA.  | H. L. #1 - 9    |
| To what depth? FEET                              | WELL TEST DATA:    Pumped & Developed w/Ai   | P 410 #7- 20    |
| What is grouting material?                       | Bailed Describe:   | - 1111 - 11     |
| If cement, number of sacks?                      | Other  |                 |
| Describe grouting procedure                      | Pumping Level Below Land Surface   |                 |
|  | ft. After Hrs. pumped  | GPM             |
|  | ft. After Hrs. pumped  |                 |
| What was grout weight? LB/GAL                    | It. After Hrs. pumped  | GPM             |
| SCREEN: Perforated pipe Manufactured (ea. Hole)  | The state of the s | ,250 Wall ste   |
| Diameter 6,0 IN Length 40 FEET                   | REMARKS: 37 9R   | aut.            |
| Material Steel galvi screeni                     | Hule 27 3 BANT   | er//Simboa      |
| Slot Size 1030 Set From 20 Feet To 60 Feet Corh  | 7  |                 |
| Slot Size Set From Feet ToFeet                   | 5-14.31  |                 |
| Slot Size Set From Feet ToFeat                   | 3/190 3 3142 40-1  | "aaluiscreen    |
| Other information Stock Plate Bottom of          | gravel of 1030   | "galuiscreen    |
| Screen , each hole,                              | 15'1060' 0   |                 |
| Was a packer or seal used? XYES NO               | 10th 32  | 4               |
| If so, what naterial? Bontonite Pellets + 9 Rout | This well was drilled under license # 32   |                 |
| Describe packer(s) and location?                 | And this report is true and accurate.  Drilling firm Alexander Dr  | allina Ca       |
|  |  | 1               |
|  | Signature of License Representative:   | 2               |
| Was well disinfected upon completion?            | Boy alepander  |                 |
| Explain  | Signature of Well Owner:   |                 |
| Bacteriological analysis YES NO                  |  |                 |
| Laboratory sent to                               | Date   |                 |
|  |  |                 |

